

FIG. 1

10017888-1000000000000000

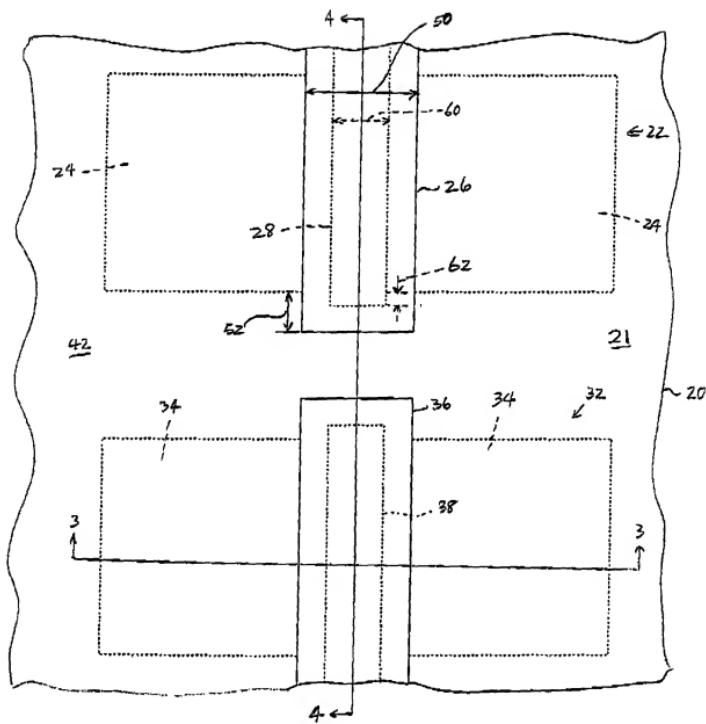


FIG. 2

100317855 • 1214004

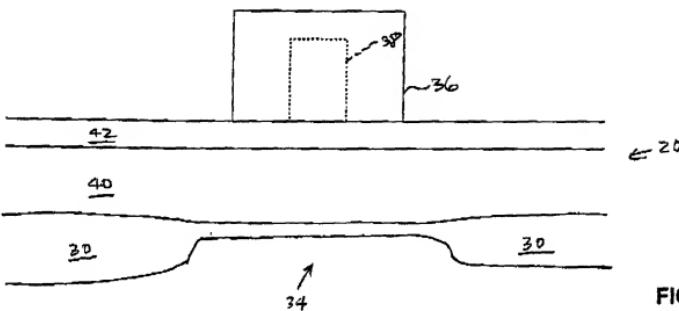


FIG. 3

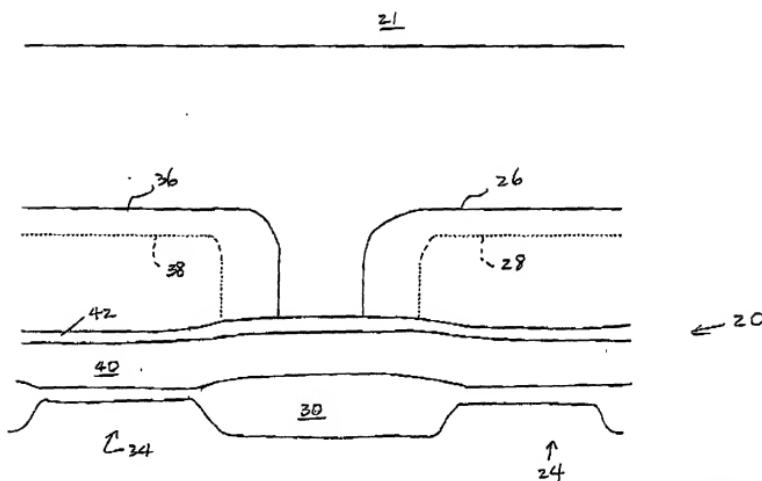


FIG. 4

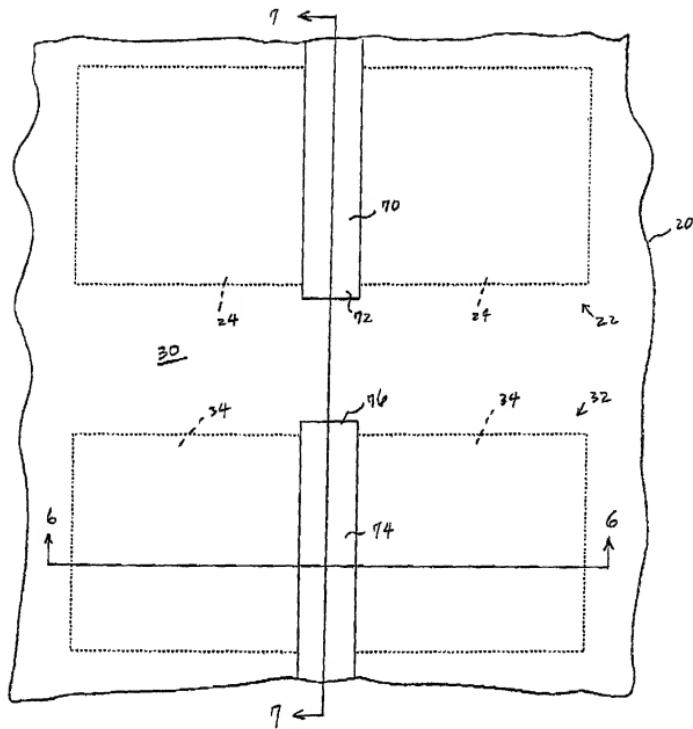


FIG. 5

Reaction	Reaction Time (min)	Reaction Temperature (°C)	Yield (%)	Product
1. $\text{CH}_3\text{COCl} + \text{H}_2\text{N}-\text{CH}_2-\text{CH}_2-\text{NH}_2 \rightarrow \text{CH}_3\text{CO}-\text{NH}-\text{CH}_2-\text{CH}_2-\text{NH}_2 + \text{HCl}$	10	0	85	Acetamide
2. $\text{CH}_3\text{COCl} + \text{H}_2\text{N}-\text{CH}_2-\text{CH}_2-\text{NH}_2 \rightarrow \text{CH}_3\text{CO}-\text{NH}-\text{CH}_2-\text{CH}_2-\text{NH}_2 + \text{HCl}$	10	50	80	Acetamide
3. $\text{CH}_3\text{COCl} + \text{H}_2\text{N}-\text{CH}_2-\text{CH}_2-\text{NH}_2 \rightarrow \text{CH}_3\text{CO}-\text{NH}-\text{CH}_2-\text{CH}_2-\text{NH}_2 + \text{HCl}$	10	100	90	Acetamide
4. $\text{CH}_3\text{COCl} + \text{H}_2\text{N}-\text{CH}_2-\text{CH}_2-\text{NH}_2 \rightarrow \text{CH}_3\text{CO}-\text{NH}-\text{CH}_2-\text{CH}_2-\text{NH}_2 + \text{HCl}$	10	150	80	Acetamide
5. $\text{CH}_3\text{COCl} + \text{H}_2\text{N}-\text{CH}_2-\text{CH}_2-\text{NH}_2 \rightarrow \text{CH}_3\text{CO}-\text{NH}-\text{CH}_2-\text{CH}_2-\text{NH}_2 + \text{HCl}$	10	200	75	Acetamide

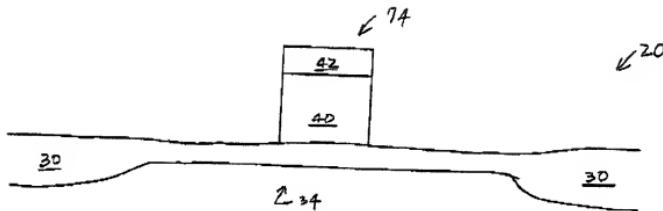


FIG. 6

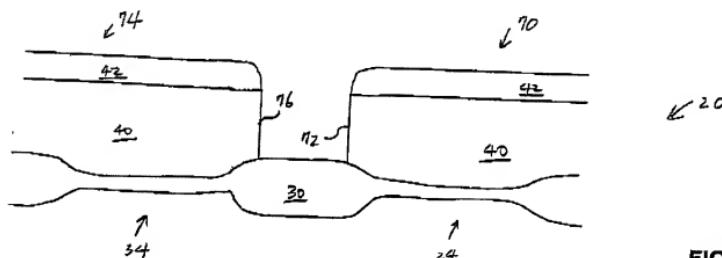
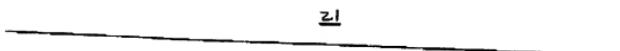


FIG. 7

